

Heavy-duty expansion stud anchor HSL-3-G



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Heavy-duty fastenings in highly safety-relevant or dynamic applications, including applications in nuclear power plants
- Applications where extensive approval back-up or technical back-up is required, e.g. machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.

Advantages

- High tensile and shear load capacity
- Force-controlled expansion allows follow-up expansion
- ETA Option 1 for cracked and uncracked concrete

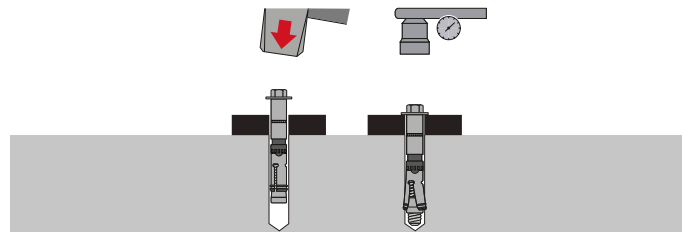
Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
PROFIS	Yes

Approvals

BZS/shock	BZS for HSL-3
ETA	ETA-02/0042 for HSL-3 (ETAG 001-2, Option 1)

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Drill bit diameter	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3-G M8/20	M8	12 mm	20 Nm	13 mm	40 pc	371793 ¹⁾
HSL-3-G M10/20	M10	15 mm	35 Nm	17 mm	20 pc	371796 ¹⁾
HSL-3-G M10/40	M10	15 mm	35 Nm	17 mm	20 pc	371797 ¹⁾
HSL-3-G M12/50	M12	18 mm	60 Nm	19 mm	10 pc	371800 ¹⁾
HSL-3-G M12/25	M12	18 mm	60 Nm	19 mm	20 pc	371799 ¹⁾
HSL-3-G M16/25	M16	24 mm	80 Nm	24 mm	10 pc	371802 ¹⁾
HSL-3-G M16/50	M16	24 mm	80 Nm	24 mm	10 pc	371803 ¹⁾
HSL-3-G M16/100	M16	24 mm	80 Nm	24 mm	10 pc	371832 ¹⁾
HSL-3-G M20/10	M20	28 mm	160 Nm	30 mm	6 pc	371804 ¹⁾
HSL-3-G M20/30	M20	28 mm	160 Nm	30 mm	6 pc	371805 ¹⁾
HSL-3-G M20/60	M20	28 mm	160 Nm	30 mm	6 pc	371806 ¹⁾
HSL-3-G M20/100	M20	28 mm	160 Nm	30 mm	6 pc	371833 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.